

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S115	272	((polyazole or imidazole or benzimidazole or \$7azole) same ((dope or doped or doping) with acid))	US-PGPUB; USPAT	OR	ON	2008/06/12 09:32
S116	45	((MEA or (membrane adj electrode adj assembly)) and ((PEM or (proton adj exchange adj membrane) or (polymer adj electrolyte adj membrane)) with (polyazole or imidazole or benzimidazole))	US-PGPUB; USPAT	OR	ON	2008/06/12 09:33
S117	57	((polybenzazole same (phospho \$3))	US-PGPUB; USPAT	OR	ON	2008/06/12 09:33
S118	21	((charge with ((polyazole or imidazole or benzimidazole) with (phosphate or phosphonate)))	US-PGPUB; USPAT	OR	ON	2008/06/12 09:34
S119	238	((alkyl adj phosphate) and ((dimethyl or trimethyl) adj phosphate))	US-PGPUB; USPAT	OR	ON	2008/06/12 09:40
S120	11217	((polyazole or imidazole or benzimidazole or \$7azole or polybenzazole) same (phospho \$3))	US-PGPUB; USPAT	OR	ON	2008/06/12 09:41
S121	103	S115 and S120	US-PGPUB; USPAT	OR	ON	2008/06/12 09:42
S122	53	((MEA or (membrane adj electrode adj assembly)) and ((PEM or (proton adj exchange adj membrane) or (polymer adj electrolyte adj membrane)) with (polyazole or imidazole or benzimidazole or polybenzazole or \$7azole))	US-PGPUB; USPAT	OR	ON	2008/06/12 09:42
S123	10	S121 and S122	US-PGPUB; USPAT	OR	ON	2008/06/12 09:42
S124	2567	((polyazole or imidazole or benzimidazole or \$7azole or polybenzazole) same (phospho \$3))	EPO; JPO; DERWENT	OR	ON	2008/06/12 09:44
S125	100	((polyazole or imidazole or benzimidazole or \$7azole) same ((dope or doped or doping) with acid))	EPO; JPO; DERWENT	OR	ON	2008/06/12 09:44

S126	15	((MEA or (membrane adj electrode adj assembly)) and ((PEM or (proton adj exchange adj membrane) or (polymer adj electrolyte adj membrane)) with (polyazole or imidazole or benzimidazole or polybenzazole or \$7azole))	EPO; JPO; DERWENT	OR	ON	2008/06/12 09:44
S127	0	S124 and S125 and S126	EPO; JPO; DERWENT	OR	ON	2008/06/12 09:45
S128	3	S124 and S126	EPO; JPO; DERWENT	OR	ON	2008/06/12 09:45
S129	42	S124 and S125	EPO; JPO; DERWENT	OR	ON	2008/06/12 09:48
S130	1	S129 and phosphonate	EPO; JPO; DERWENT	OR	ON	2008/06/12 09:55
S131	2363	((polyazole or imidazole or benzimidazole or \$7azole or polybenzazole) same (phosphonate))	US-PGPUB; USPAT	OR	ON	2008/06/12 09:56
S132	3	S131 and S115	US-PGPUB; USPAT	OR	ON	2008/06/12 09:56
S133	583	(di near2 phosphonate)	US-PGPUB; USPAT	OR	ON	2008/06/12 12:10
S134	34	(di near2 phosphonate) with (formula or formulae)	US-PGPUB; USPAT	OR	ON	2008/06/12 12:11
S135	15	(di near2 phosphonate) with (formula or formulae)	EPO; JPO; DERWENT	OR	ON	2008/06/12 12:19
S136	6	(di near2 (alkyl or methyl or ethyl) near2 phosphonate) with (formula or formulae)	US-PGPUB; USPAT	OR	ON	2008/06/12 12:21
S137	6	(di near2 ((alkyl or methyl or ethyl) near2 phosphonate)) with (formula or formulae)	EPO; JPO; DERWENT	OR	ON	2008/06/12 12:22
S138	181	((alkyl or methyl or ethyl) near2 phosphonate) with (formula or formulae)	EPO; JPO; DERWENT	OR	ON	2008/06/12 12:23
S139	85	S138 and acid	EPO; JPO; DERWENT	OR	ON	2008/06/12 12:24
S140	363	((alkyl or methyl or ethyl) near2 phosphonate) with (formula or formulae)	US-PGPUB; USPAT	OR	ON	2008/06/12 12:33
S141	101	S140 and acid	US-PGPUB	OR	ON	2008/06/12 12:33
S142	6	((di adj (methyl or ethyl or alkyl)) adj2 ((methyl or ethyl or alkyl) adj phosphonate))	US-PGPUB; USPAT	OR	ON	2008/06/12 12:38
S143	38	((di adj (methyl or ethyl or alkyl)) adj2 ((methyl or ethyl or alkyl) adj phosphonate))	EPO; JPO; DERWENT	OR	ON	2008/06/12 12:39

S144	0	((di adj (methyl or ethyl or alkyl)) adj2 (methylphosphonate))	EPO; JPO; DERWENT	OR	ON	2008/06/12 12:43
S145	1	((di adj (methyl or ethyl or alkyl)) adj2 (methylphosphonate))	US-PGPUB; USPAT	OR	ON	2008/06/12 12:44
S146	0	((di adj (methyl or ethyl or alkyl)) adj2 (methylphosphonate))	EPO; JPO; DERWENT	OR	ON	2008/06/12 12:46
S147	14	((di adj (methyl or ethyl or alkyl)) adj2 (methyl adj2 phosphonate))	EPO; JPO; DERWENT	OR	ON	2008/06/12 12:47
S148	0	((di adj (methyl or ethyl or alkyl)) adj2 (methyl adj2 phosphonate))	US-PGPUB; USPAT	OR	ON	2008/06/12 12:48
S149	7	((di adj (methyl or ethyl or alkyl)) adj2 (ethyl adj2 phosphonate))	US-PGPUB; USPAT	OR	ON	2008/06/12 12:49
S150	0	((di adj (methyl or ethyl or alkyl)) adj2 (methyl adj2 phosphonate))	US-PGPUB; USPAT	OR	ON	2008/06/12 12:51
S151	0	((di adj (methyl or ethyl or alkyl)) adj2 (methyl adj2 phosphonate))	US-PGPUB; USPAT	OR	ON	2008/06/12 12:51
S152	28	((di adj (methyl or ethyl or alkyl)) adj2 (phosphonate))	US-PGPUB; USPAT	OR	ON	2008/06/12 12:52
S153	123	((di adj (methyl or ethyl or alkyl)) adj2 (phosphonate))	EPO; JPO; DERWENT	OR	ON	2008/06/12 12:54
S154	95	S153 not (S147 or S143 or S139)	EPO; JPO; DERWENT	OR	ON	2008/06/12 12:55
S155	4993	muellen-K\$.in. or klapper-m\$.in. or sinigersky-V4.in. or wu-w\$.in. or Uensal-CS.in. or Ueasal-CS.in. Baurmeister-J\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:50
S156	224	S155 and (polyazole or imidazole or benzimidazole or \$7azole)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:50
S157	160	S156 and (phosph\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:52
S158	146	S156 and (electrolyt\$2 or PEM or membrane)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:52
S159	92	S158 and (electrode or anode or cathode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:53
S160	23	S159 and @pd> "20071001"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:53
S161	46	S155 and (polyazole or imidazole or benzimidazole or \$7azole). ctm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:54

S162	36	S161 and (phosph\$5).dlm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:55
S163	33	S162 and (electrolyt\$2 or membrane).dlm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:56

6/12/2008 3:57:45 PM

C:\Documents and Settings\crademaker3\My Documents\EAST\Workspaces\10.520.326.wsp